

**Site-Specific Munitions and Explosives of Concern (MEC)
Safety Plan**

**Supplemental Soil Sampling at the
Former Tank Ranges, Parcel 92Q-X and 93Q-X,
Former Grenade Range, Parcel 107Q-X,
and Impact Areas, Parcels 133Q-X and 134Q-X**

**Fort McClellan
Calhoun County, Alabama**

Prepared for:

**U.S. Army Corps of Engineers, Mobile District
109 St. Joseph Street
Mobile, Alabama 36602**

Prepared by:

**Shaw Environmental, Inc.
312 Directors Drive
Knoxville, Tennessee 37923**

**Task Order CK10
Contract No. DACA21-96-D-0018
Project No. 796887**

March 2007

Revision 0

I have read and approve this site-specific MEC safety plan for supplemental soil sampling at Fort McClellan in Anniston, Alabama, with respect to project hazards, regulatory requirements, and Shaw unexploded ordnance (UXO) procedures.

22 Mar 07
Date

3-26-07
Date

Table of Contents

	Page
List of Acronyms.....	ii
1.0 Introduction	1
2.0 UXO Personnel.....	1
3.0 Responsibilities	1
4.0 Authority.....	2
5.0 UXO Avoidance Procedures to Support HTRW Activities at FTMC	2
6.0 Safety.....	4
7.0 Quality	4
8.0 References	4

Attachment 1 - FTMC UXO Supplementary Procedures

List of Acronyms

FTMC	Fort McClellan
IT	IT Corporation
MEC	Munitions and Explosives of Concern
OE	ordnance and explosives
SAP	Installation-wide Sampling and Analysis Plan
Shaw	Shaw Environmental, Inc.
USACE	U.S. Army Corps of Engineers
UXO	unexploded ordnance

1.0 Introduction

This document defines anomaly avoidance procedures for activities to be performed by Shaw Environmental, Inc. (Shaw) unexploded ordnance (UXO) personnel in conjunction with the supplemental soil sampling activities at the Former Tank Ranges, Parcels 92Q-X and 93Q-X, Former Grenade Range, Parcel 107Q-X, and Impact Areas, Parcels 133Q-X and 134Q-X located at Fort McClellan in Anniston, Alabama. This document is not a stand-alone document and must be used in conjunction with the FTMC Installation-wide Sampling and Analysis Plan (SAP), which includes an Ordnance and Explosives (OE) Management Plan, and the *FTMC UXO Supplementary Procedures*, included as Attachment 1.

Shaw UXO personnel will perform visual surveys, using hand-held magnetometers and metal detectors, to support soil sampling field activities. The purpose is to avoid munitions and explosives of concern (MEC) (formerly referred to as OE) during the fieldwork. Intrusive anomaly investigation is not authorized for this site work. These sites were previously investigated under the Base Realignment and Closure Environmental Restoration program.

2.0 UXO Personnel

UXO personnel requirements will be in accordance with Engineer Pamphlet 75-1-2 *Munitions and Explosives of Concern (MEC) Support During Hazardous, Toxic, and Radioactive Waste (HTRW) and Construction Activities* (U.S. Army Corps of Engineers, 2004) and the SAP (IT, 2000; IT, 2002) for FTMC. One UXO safety specialist will be on site during soil sampling activities. Site personnel will not access any area or perform field activities without the presence of a UXO safety specialist.

3.0 Responsibilities

The onsite UXO specialist will provide MEC avoidance, explosive ordnance recognition, location, and safety functions for Shaw employees and any subcontractors during field activities. Field activities at the sites is limited to soil sampling and surveying of soil sample locations. The UXO specialist will provide escort services for Shaw personnel during all soil sampling activities.

4.0 Authority

Shaw UXO personnel are authorized to perform MEC avoidance activities only. UXO personnel are not permitted to initiate MEC investigative or disposal activities.

5.0 UXO Avoidance Procedures to Support HTRW Activities at FTMC

The scope of work for soil sampling activities at the Former Tank Ranges includes the following UXO tasks:

- Provide surveys for all intrusive field activities (e.g., subsurface soil sampling).
- Provide MEC avoidance support during all soil sampling activities.

Since these areas may contain MEC contamination, the UXO team must conduct a surface access survey for MEC before any type of activities commence. This includes foot traffic. UXO avoidance activities will include:

- a) Access Corridors and Soil Sample Locations
 - (1) The UXO technician will conduct access surveys of the footpaths approaching and leaving the site. Access surveys will begin in a known clear area and proceed by the most direct route to the site. The boundaries of the access route and site will be marked with white tape or white pin flags.
 - (2) If a MEC item is found during the survey, the location will be conspicuously marked with a red pin flag and avoided by altering the route. Additionally, UXO personnel will complete the Shaw "Unexploded Ordnance Report Form." Subsurface anomalies will be marked with a yellow flag.
 - (3) The boundaries of the access route will be recorded in the Shaw "UXO Sketch Log" by the UXO technician. Additionally, anomaly locations will be recorded on this form.
 - (4) Instrumentation used at this site may include the Schonstedt GA72, the CST Corporation Magna-Trak 102, or the Whites Spectrum XLT Metal Detector. All equipment will be operated as specified in the appropriate

operator's manual. All equipment will be function tested prior to use following the procedure in paragraph 3.2, *FTMC UXO Supplementary Procedures* and the manufacturer's instructions.

- (5) Footpath lanes will be a minimum of three feet wide. As necessary, the access route will be twice as wide as the widest vehicle that will use the route.
- (6) If surface MEC or subsurface anomalies are encountered that cannot be avoided, the access route will be diverted to avoid contact. No personnel will be allowed outside of the surveyed areas without a UXO escort. No unescorted access will be permitted inside the corridor area until a survey has been completed and the boundaries established.
- (7) The UXO specialists will survey the proposed soil boring locations before, during, and after field activities for any indication of MEC.
- (8) Vehicles whose movement would disturb the soil are authorized for use only in areas that have been surveyed and in which no anomalies have been detected.
- (9) Erosion and weathering will typically cause some MEC items to leach to the surface or otherwise be uncovered. In cases where access corridors or sampling locations have not been surveyed or traversed for a period of time, additional surveys may be required. The decision to perform follow-on surveys will be made by the UXO specialists in consultation with the Site Supervisor. The decision will be based on factors such as the amount of time since the last survey was performed, the weather during this period, the terrain in the area of concern, the former use of the area, and the type of quantity of MEC found during initial surveys.

b) Vegetation Removal

In cases where removal of large trees or other vegetation is required to support access or soil sampling operations, the procedures in paragraph 4.2, *FTMC UXO Supplementary Procedures* will be followed.

c) Magnetometer/Metal Detector Checkout and Field Procedures

The procedures in paragraph 3.0, *FTMC UXO Supplementary Procedures* will be followed.

d) UXO Logbooks and Documentation

All UXO personnel identified in paragraph 5.0, *FTMC UXO Supplementary Procedures* will maintain a logbook in accordance with that procedure.

6.0 Safety

In addition to the requirements of the site-specific safety and health plan prepared for this site, the UXO specialist will ensure the following:

- The onsite UXO specialist will monitor soil sampling activities to ensure compliance with applicable safety requirements.
- The onsite UXO specialist will advise project personnel regarding all evacuation and/or exclusion zones as appropriate. The UXO specialist will ensure that only required personnel are present on site.

7.0 Quality

The onsite UXO specialist will follow quality control instructions and procedures listed in Section 9.0 of the Installation-wide OE Management Plan (contained in Volume IV of the SAP) and the *FTMC UXO Supplementary Procedures*, as appropriate to this task. The onsite UXO specialists will also use the “UXO Avoidance Quality Control Report” to document their activities. Copies of this form will be provided to the Shaw quality assurance representative upon request.

8.0 References

IT Corporation (IT), 2002, *Draft Installation-Wide Sampling and Analysis Plan, Fort McClellan, Calhoun County, Alabama*, Revision 3, February.

IT Corporation (IT), 2000, *Final Installation-Wide Sampling and Analysis Plan, Fort McClellan, Calhoun County, Alabama*, March.

Shaw Environmental, Inc. (Shaw), 2002, *FTMC UXO Supplementary Procedures*, October.

U. S. Army Corps of Engineers (USACE), 2004, *Munitions and Explosives of Concern (MEC) Support During Hazardous, Toxic, and Radioactive Waste (HTRW) and Construction Activities*, Engineer Pamphlet (EP) 75-1-2, 1 August.

ATTACHMENT 1

FTMC UXO SUPPLEMENTARY PROCEDURES



Procedure No.	OE001
Revision No.	0
Date of Revision	10/23/02
Last Review Date	10/23/02
Page	1 of 14

FTMC UXO SUPPLEMENTARY PROCEDURES

Subject: Ordnance and Explosives

1.0 INTRODUCTION

Shaw Environmental, Inc. (Shaw), formerly IT Corporation, has been retained by the U.S. Army Corps of Engineers-Mobile District, under Contract Number DACA21-96-D-0018, to provide environmental services related to Base Realignment and Closure (BRAC) of Fort McClellan, Alabama. The Installation-Wide Ordnance and Explosives (OE) Management Plan for Fort McClellan (FTMC) was prepared by Shaw and submitted as a final document in March 2000. The Installation-Wide OE Management Plan was prepared to provide general guidance for conducting unexploded ordnance (UXO) work associated with hazardous, toxic, and radiological waste (HTRW) investigations and remedial activities currently in progress at FTMC. Shaw prepares site-specific field sampling, health and safety, and UXO safety plans for sites where fieldwork will occur that may potentially contain OE. A UXO Safety Plan is not prepared for sites that are not reported to be in areas containing OE.

1.1 Purpose

This document is intended to provide procedures to the field staff that outline UXO operations and clarify activities currently permitted under "anomaly avoidance." The document is not intended to replace any of the project documents currently approved; rather, it is intended to complement those documents with additional information that allows successful completion of the job.

2.0 FTMC EMPLOYEE ORIENTATION/TRAINING AND CERTIFICATION

The Shaw FTMC orientation program is designed to:

- Indoctrinate new employees to FTMC-unique procedures
- Verify compliance with regulatory certification requirements
- Provide continuing instruction and updating in UXO fundamentals to sustain readiness to safely perform UXO tasks

These standard policies and procedures are applicable to all members of Shaw Environmental, Inc. except where superseded or modified by the member Company.



2.1 Responsibilities

The Shaw OE Service Center Operations Manager will oversee the training programs and maintain a master record of UXO employee training and certification status.

The UXO person designated as the senior Shaw UXO individual at FTMC will schedule the orientation listed below.

The FTMC UXO Safety Officer will:

- Conduct all UXO-specific orientation and training at FTMC
- Certify that each new UXO employee is capable of performing UXO work activities at FTMC
- Maintain FTMC training files and records on each UXO technician on site reflecting his or her current training status.

2.2 UXO Employee Orientation

Every UXO employee assigned to FTMC will receive a site-specific UXO orientation in addition to training required by the Occupational Health and Safety Administration (OSHA). This orientation will include, as a minimum, the following topics:

- Local emergency response drills and procedures
- Personal protective equipment (PPE) and personnel decontamination procedures
- Ordnance recognition/UXO expected to be encountered at FTMC
- Equipment safety
- FTMC site orientation
- Chemical warfare material (CWM) awareness and procedures
- Communications procedures
- FTMC Logbook/data recording procedures
- Shaw administrative policies and procedures
- Magnetometer checkout procedures
- Accident reporting procedures.



Upon completion of the UXO employee orientation, the FTMC UXO Safety Officer will monitor the performance of the new hire for at least three workdays while conducting typical UXO activities. The FTMC UXO Safety Officer will then certify that the individual is capable of performing UXO activities at FTMC based upon satisfactory performance of the three-day period. A copy of this certification will be maintained in the individual's site FTMC training file (see example at Attachment 1).

2.3 UXO Sustainment Training

All UXO technicians have had the OSHA 40-hour hazardous waste operations and emergency response (HAZWOPER) course in order to be initially certified at FTMC. They are also required to maintain the certification with an 8-hour OSHA refresher course on an annual basis. Additionally, all Shaw FTMC UXO personnel will have 8 hours of site-specific annual UXO sustainment training. This training can be performed incrementally (2 hours every quarter) at the discretion of the site superintendent in coordination with the FTMC Shaw UXO Safety Officer. Topics will include, but are not limited to, the following subjects:

- Site-specific environmental hazards
- Site-specific UXO hazards, ordnance fuzing, functioning and precautions
- Topics which the Shaw UXO Team Leader or Shaw Safety UXO Officer determines necessary to support FTMC UXO activities

Sustainment training will be conducted for a period of no less than 8 hours. Daily safety briefings, tailgate safety meetings, and other required site-specific training are not a substitute for this training. The purpose of this training is to provide each UXO employee with site-specific UXO training over and above OSHA requirements. The site-specific UXO training will be recorded in the project file and the UXO employee's personnel file.

3.0 FTMC MAGNETOMETER/METAL DETECTOR FUNCTION TEST AND FIELD PROCEDURES

This section provides FTMC magnetometer/metal detector function tests and operating procedures to be employed at all work sites that have been identified as requiring avoidance support.



Procedure No.	OE001
Revision No.	0
Date of Revision	10/23/02
Last Review Date	10/23/02
Page	4 of 14

3.1 Geophysical Test Plot

The purpose of a test plot is to provide a consistent environment where the equipment can be evaluated. This plot will be established as follows

- The test plot will be located in a clear area at the west entrance to the FTMC Transition Force Compound.
- The test plot will contain inert ordnance items at depths and attitudes characteristic of previous ordnance encounters at FTMC. Examples of test items include: a 37mm APT buried at a depth of eight inches and in a 45-degree, nose-down attitude; an aluminum alloy snap flare buried four inches in a horizontal attitude; a 60mm mortar twelve inches deep and in a 60-degree, nose-down attitude; a 2.36-inch rocket at a depth of twelve inches and in a 60-degree, nose-down attitude; and a 75mm canister projectile buried eight inches deep in a horizontal attitude. Each burial location will be marked with a wooden stake located to the east of the object. Each stake will be tagged or marked to denote the depth, type of item, and orientation of the item. The site will utilize native soils; no fill material will be brought in from another area. Sand may be used to cover the area to mitigate the effects of wet weather.
- For downhole magnetometer testing, a length of 2-inch PVC pipe will be buried to a depth of 48 inches. The location of the test item, similar in size and mass to a 2.36 inch rocket, will be marked with a wooden stake tagged to denote the depth, type of item, orientation, and reference number assigned. This item will be buried at a depth of twelve inches.

3.2 Magnetometer/Metal Detector Check-Out Procedures

- Prior to field use, all magnetometers and metal detectors will be set up following the guidelines in the manufacturer's operating manual for the specific instrument used. Instrumentation used at this site will include the Schonstedt GA 72, the CST Corporation Magna-Trak 102, or White's Spectrum XLT Metal Detector. Additionally, the Schonstedt MG-220 or MG-230 will be set up for downhole monitoring. All equipment will be operated in a manner consistent with instructions contained in the appropriate operator's manual. All equipment will be function-tested prior to use. The White's Metal Detector will be used in conjunction with hand-

These standard policies and procedures are applicable to all members of Shaw Environmental, Inc. except where superseded or modified by the member Company.



Procedure No.	OE001
Revision No.	0
Date of Revision	10/23/02
Last Review Date	10/23/02
Page	5 of 14

held magnetometers in areas of high concentrations of rocks with a magnetic signature, to assist in eliminating anomalies created by “hot rocks.” The operating manual for each of the instruments used at FTMC will be available for use with the equipment.

- Once the instrument has been determined to be working according to the manufacturer’s operating manual, the operator will perform a function test on the FTMC geophysical test plot using the detection methods described in the manual. A function test will consist of using the instrument over a minimum of three test sources. The same sources will be used during each function test to ensure consistency. The instrument detection indicator, as described in the operator’s manual, will be noted in the instrument logbook. For site checks, a 6-inch length of 1/2-inch steel reinforcing rod will be available to each operator at the work site.
- Instruments that fail to reproduce a detection indication consistent with previous tests will be checked to ensure that the power supply or batteries are sufficient. If the power supply is determined to be sufficient and the operator cannot find a fault in accordance with the operator’s manual, the instrument will be tagged and removed from service.
- Function tests will be performed each morning before the equipment is put into service.
- If an instrument is determined to be working improperly, the FTMC UXO Team Leader and the site superintendent will be immediately notified. Any activities performed using that instrument since its last positive test procedure will be considered invalid and will require reevaluation.
- Upon completion of the function test, the function test will be secured in the operator’s Daily Field Log Book.
- After an instrument has been function-tested at the beginning of each day, the instrument will be checked at least once during every hour of use or each time the instrument is turned on after having been turned off. This check will consist of dropping the 6-inch length of 1/2-inch reinforcing rod in a clear area and passing the detector over the rod in a manner consistent with the operator’s instructions. The instrument indication will be compared to the indication produced during the morning function test.

These standard policies and procedures are applicable to all members of Shaw Environmental, Inc. except where superseded or modified by the member Company.



Procedure No.	OE001
Revision No.	0
Date of Revision	10/23/02
Last Review Date	10/23/02
Page	6 of 14

Instruments that fail to produce a consistent indication will be checked and removed from service as required.

3.3 Equipment Documentation

Each piece of equipment will be assigned a logbook noting the make, model, manufacturer, and serial number of the equipment. The following information will be recorded:

- Factory (off-site) maintenance
- On-site repair activities
- Other actions which could alter the performance of the instrument

The Shaw FTMC Quality Control (QC) Officer will perform random audits of equipment function tests and will record the fact that the test was performed in accordance with these procedures.

3.4 Magnetometer/Metal Detector Field Procedures

All intrusive field activities in potential OE areas (e.g., digging, fence post driving, grading, well installation or excavation) will be preceded by a UXO sweep. Each hole made in areas where OE may potentially be found will have a check immediately over the spot of the intrusion. Magnetometer operations at FTMC will assume a detection depth of one foot when surveying an area for excavation.

All magnetometers and metal detectors will be operated in accordance with the manufacturers specifications and procedures.

When surveying a potential area for a sampling well, an area of sufficient size will be surveyed to allow for installation of required pads and bollards. After the well is installed, the location of bollards will be adjusted as required if an anomaly is detected during the bollard installation process.

The White's Metal Detector will be used to augment the magnetometers on sites where "hot rocks" are suspected. The purpose of using the metal detector in addition to the magnetometers is to eliminate the probability of "hot rocks."



Procedure No.	OE001
Revision No.	0
Date of Revision	10/23/02
Last Review Date	10/23/02
Page	7 of 14

4.0 FTMC ACCESS CLEARANCES, VEGETATION REMOVAL, AND ROAD MAINTENANCE

This section is designed to provide specific procedures regarding activities associated with the building of access corridors, vegetation removal, and road maintenance in support of FTMC operations.

4.1 Access Corridors

The purpose of access corridors is to enable Shaw personnel access to well and/or other types of sampling sites within FTMC. Access corridors will be created by marking the route, both length and width, in which a UXO survey has been performed. The marking method will be defined in each site-specific UXO safety plan. No unescorted access is permitted until a corridor has been established. If an anomaly is detected during the survey or during a subsequent excavation, it must be avoided, since investigation is not authorized. The route will be altered to avoid the anomaly for FTMC activities. A magnetometer is considered to reliably detect anomalies to a depth of one foot.

The size of each area to be surveyed is dependent on the type and quantity of equipment expected to be used on that site. The UXO survey crew will follow the procedures outlined in the site-specific UXO safety plan to determine the dimensions of the area to be surveyed. Normally, the width of the access route will be at least twice as wide as the widest vehicle that will use the route; footpaths will be a minimum of 3 feet wide.

Tracked or other vehicles that disturb the soil are authorized for use only in areas that have been surveyed and no anomalies have been detected.

Erosion and weathering will typically cause some UXO items to leach to the surface or otherwise be uncovered. In cases where access corridors or sampling sites have not been surveyed or traversed for a period of time, additional UXO surveys may be required. The decision regarding the performance of additional surveys will be made by the FTMC UXO team leader and the Shaw FTMC UXO Safety Officer. The site superintendent will be notified of this decision. This decision will be based on, but not limited to, such factors as: the amount of time since the last survey was performed; the weather during this period; the terrain in the area of concern; and the type and quantity of UXO found during initial surveys.



Procedure No.	OE001
Revision No.	0
Date of Revision	10/23/02
Last Review Date	10/23/02
Page	8 of 14

4.2 Vegetation Removal

In cases where removal of large trees or other types of vegetation is required, the following procedures will be followed:

- The UXO technician will survey around the base of the tree or vegetation, and, if no anomaly is detected, direct the bulldozer or other equipment to proceed. If an anomaly is detected, the location will be recorded and marked and another route will be selected. The size of the area to be surveyed will depend on the size of the suspected root system of the tree to be removed.
- Once the tree has been pushed over, the UXO technician will survey around the root ball and the area in and around the hole. If an anomaly is detected, the anomaly will be recorded and marked and an alternate route will be selected. If no anomaly is detected, the UXO technician will direct the equipment operator to proceed with the excavation.

4.3 Road Maintenance

Remote range roads and trails frequently require a certain amount of repair to remain passable. This section describes authorized actions regarding the maintenance of dirt or gravel range roads by Shaw UXO personnel.

- Bulldozers or grader-type equipment is authorized to repair roads and trails as long as a UXO survey has been performed and no anomalies have been detected.
- The UXO technician will observe the blade of the equipment as the earth is moved. If a potential UXO is uncovered, the UXO technician will signal the equipment operator to immediately stop the equipment. The UXO technician will then attempt to visually identify the object. If the object cannot be positively identified as a non-hazardous item, the equipment will be moved, the location of the object marked and recorded on the Shaw FTMC Unexploded Ordnance Report Form (Attachment 2), and the route changed to avoid the object. If no suspicious objects are detected, the equipment will continue to move earth at a rate of no more than one foot of depth at a time. If, more grading is required after the first pass is complete the UXO technician will perform another survey. If no anomalies are detected, the equipment can repeat the grading process. If an anomaly is detected, the operation will be halted and the route changed.

These standard policies and procedures are applicable to all members of Shaw Environmental, Inc. except where superseded or modified by the member Company.



Procedure No.	OE001
Revision No.	0
Date of Revision	10/23/02
Last Review Date	10/23/02
Page	9 of 14

- After an area has been surveyed and no anomalies have been detected, soil can be removed at a rate of no more than one foot per lift. If additional grading is required, a survey will be performed after each one-foot increment the soil has been removed.
- Earth may not, at any time, be moved at a rate of more than one foot in each lift.

5.0 FTMC UXO LOG BOOKS

All UXO team leaders or UXO technicians supporting HTRW operations will maintain a logbook. The purpose of the logbook is to record UXO actions and activities taken at each work site.

5.1 Responsibilities

UXO personnel will maintain an individual daily logbook of work activities.

The logbooks will be routinely inspected weekly by the UXO QC Officer and will be made available to the FTMC site superintendent upon request. Copies will be made daily and filed in the Shaw Field Project office.

Logbooks will contain bound and numbered pages. Entries will be on successive pages as work is performed. The individual using the logbook will sign the page after the last entry for that page has been made. Logbooks are part of the project legal file and will be filed with the project files upon completion of each investigation.

5.2 Data Requirements

As a minimum, individual logbooks will contain the following information:

- Date, time and location of UXO activities
- Personnel involved in the activities
- UXO activities performed, including UXO/anomalies found
- A description of areas swept
-

These standard policies and procedures are applicable to all members of Shaw Environmental, Inc. except where superseded or modified by the member Company.



Procedure No.	OE001
Revision No.	0
Date of Revision	10/23/02
Last Review Date	10/23/02
Page	10 of 14

- A record of the magnetometer or other equipment used, including instrument serial number
- Weather conditions.

Shaw UXO personnel will utilize the Shaw FTMC Unexploded Ordnance Report Form (Attachment 2) to document the discovery of UXO/OE items.

The Shaw FTMC QC Officer will utilize the Shaw FTMC UXO Avoidance Quality Control Report (Attachment 3) to document checks of field activities.

Additionally, UXO personnel will complete Shaw FTMC Form UXO Sketch Log (Attachment 4) and Shaw FTMC Unexploded Ordnance Report Form. The UXO Sketch Log will contain a description of activities, including the dimensions of the area surveyed. A description of the length and width will be recorded, as well as the manner in which the survey was performed. These forms will be completed as required and presented to the site superintendent.



Procedure No.	OE001
Revision No.	0
Date of Revision	10/23/02
Last Review Date	10/23/02
Page	11 of 14

ATTACHMENT 1

FTMC Employee Certification (Example)

I certify that (name of individual) has fulfilled all UXO orientation requirements and has been observed by me for a period of 3 work days and is therefore eligible to perform UXO activities at FTMC.

Robert Hickman
FTMC UXO Safety Officer



Procedure No. OE001
Revision No. 0
Date of Revision 10/23/02
Last Review Date 10/23/02
Page 12 of 14

ATTACHMENT 2

Unexploded Ordnance Report Form

Report Tracking Number: _____			
Discovery and Reporting Time			
<i>Time of Discovery</i>		<i>Time Reported to Base Transition Force</i>	
Date	Time	Date	Time
Employee Name: _____		Reported to FTMC Transitional Force Personnel Name: _____	
Location of Ordnance			
Location, Description, and Parcel Number: 			
Coordinates of Ordnance:	State Plane Coordinates		
	Northing	Easting	
Picture Taken of Ordnance			
Yes	No	Date	Time
Written Description and/or Sketch of Ordnance: 			
Corrective Action Taken by Fort McClellan Transition Force			
Date			

These standard policies and procedures are applicable to all members of Shaw Environmental, Inc. except where superseded or modified by the member Company.



Procedure No.	OE001
Revision No.	0
Date of Revision	10/23/02
Last Review Date	10/23/02
Page	13 of 14

ATTACHMENT 3

UXO Quality Control Report

Project Location: _____

Date: _____

Work Site Location: _____

Day: _____

1. Personnel Involved:

2. Description of Work Being Performed:

3. Equipment Utilized:

4. Comments:

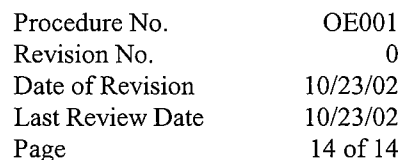
Completed By

Printed Name & Title

Signature

Date

These standard policies and procedures are applicable to all members of Shaw Environmental, Inc. except where superceded or modified by the member Company.



District: _____ Hole Number: _____ Date: _____

Company Name: Shaw Environmental, Inc. **Subcontractor:** _____

Parcel Location: _____ Well Location: _____ Date Started: _____ Date Completed: _____

Type of UXO Work Being Performed:

Most Probable Munition: _____

Down-Hole Depth Achieved for UXO Avoidance: _____

Total Number of Surface UXO Marked: _____

Total Number of Anomalies Marked: _____

Location Sketch/Comments:	Not to Scale
Signature of UXO Technician:	Date:

These standard policies and procedures are applicable to all members of Shaw Environmental, Inc. except where superceded or modified by the member Company.